



CCSS Mathematics - Answer Keys for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Answer Key for Worksheet #26135

Answer Key

Standard: CCSS.Math.Content.5.NBT.A.2

Description: Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.

Determine the Unknown in a Multiply by Power of Ten Equation:

| | |
|--|---|
| 1. $2560 \times 10^{\underline{\quad?}} = 256,000$ Answer: 2 | 6. $880 \times 10^3 = \underline{\quad?}$ Answer: 880000 |
| 2. $6250 \times 10^3 = \underline{\quad?}$ Answer: 6250000 | 7. $9470 \times 10^{\underline{\quad?}} = 94,700,000$ Answer: 4 |
| 3. $6450 \times 10^2 = \underline{\quad?}$ Answer: 645000 | 8. $\underline{\quad?} \times 10^3 = 5,620,000$ Answer: 5620 |
| 4. $5400 \times 10^3 = \underline{\quad?}$ Answer: 5400000 | 9. $5730 \times 10^{\underline{\quad?}} = 573,000$ Answer: 2 |
| 5. $110 \times 10^2 = \underline{\quad?}$ Answer: 11000 | 10. $\underline{\quad?} \times 10^5 = 6,500,000$ Answer: 65 |

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